

February 28, 2002

Mr. Chianti Woodlee
Hitachi Cable Indiana, Inc.
5300 Grant Line Road
New Albany, IN 47150

Re: 043-15575-00023
First Administrative Amendment to
Part 70 No.: T 043-6888-00023

Dear Mr. Woodlee:

Hitachi Cable Indiana, Inc. was issued a permit on April 22, 1999 for operation of a extrusion, coating, forming, curing and assembly of fluid power hoses and fitting plant. A letter requesting changes to this permit was received on February 1, 2002. Pursuant to the provisions of 326 IAC 2-7-11(a)(8), an administrative amendment to this permit is hereby approved as described below.

The amendment consists of the removal of all references and requirements associated with open top vapor degreaser (CE06) because the existing unit has been dismantled and replaced with a new aqueous parts washer that will not generate any regulated pollutants.

1. The source description of Condition A.2 shall be amended to remove the open top vapor degreaser description. All other descriptions under this condition shall be renumbered accordingly.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (1) Two (2) rubber cable coating booths, each with one (1) glue applicator, identified as Glue Applicator Extruder #73.001 and Glue Applicator Extruder #73.002 respectively, each with the maximum capacity to coat either 5316 feet of vacuum hose per hour or 3150 feet of TKS return hose per hour by flowcoating method, with one (1) flameless thermal oxidizer, identified as CE01 to control VOC emissions from both booths, exhausting to one (1) stack, identified as S/V01.
(Constructed in 1996)
- (2) One (1) natural gas-fired boiler, identified as Johnston Boiler #591.026, rated at 16.74 mmBtu per hour, exhausting to one (1) stack identified as S/V05. (Constructed in 1996)
- (3) ~~One (1) vapor degreaser, identified as Vapor Degreaser #351.001, constructed in April 1990, with a daily solvent consumption rate of 4 gallons per day, with emissions controlled by means of a still, identified as CE06.~~
- (4) One (1) high pressure pilot line glue applicator, identified as Glue Applicator High Pressure #73.003, constructed in 1997, with the maximum capacity to coat 3125 feet of rubber hose per hour, with one (1) flameless thermal oxidizer, identified as CE01 to control VOC emissions, exhausting to one (1) stack identified as S/V01.

2. Section D.3 shall be removed to eliminate any requirements associated with the solvent degreaser.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

One (1) vapor degreaser, identified as Vapor Degreaser #351.001, constructed in April 1990, with a daily solvent consumption rate of 4 gallons per day, with emissions controlled by means of a still, identified as CE06.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart T.

D.3.2 Open Top Vapor Degreaser Operations and Control [326 IAC 8-3-3]

The Permittee shall ensure that the following control equipment requirements are met:

- (1) Equip Vapor Degreaser #351.001 with a cover that can be opened and closed easily without disturbing the vapor zone.
- (2) Keep the cover closed at all times except when processing workloads through the degreaser.
- (3) Minimize solvent carry out by:
 - (a) racking parts to allow complete drainage.
 - (b) moving parts in and out of the degreaser at less than 3.3 meters per minute (eleven (11) feet per minute).
 - (c) degreasing the workload in the vapor zone at least thirty (30) seconds or until condensation ceases.
 - (d) tipping out any pools of solvent on the cleaned parts before removal.
 - (e) allowing parts to dry within the degreaser for at least fifteen (15) seconds or until visually dry.
- (4) Not degrease porous or absorbent materials, such as cloth, leather, wood or rope.
- (5) Not occupy more than half of the degreaser's open top area with the workload.
- (6) Not load the degreaser such that the vapor level drops more than fifty (50%) of the vapor depth when the workload is removed.
- (7) Never spray above the vapor level.
- (8) Repair solvent leaks immediately, or shut down the degreaser.
- (9) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, such that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

- (10) ~~Not use workplace fans near the degreaser opening.~~
- (11) ~~Not allow visually detectable water in the solvent exiting the water separator.~~
- (12) ~~Provide a permanent, conspicuous label summarizing the operating requirements.~~

~~D.3.3 Halogenated Solvent Cleaning Machine NESHAP [40 CFR Part 63, Subpart T]~~

~~This facility is subject to 40 CFR Part 63, Subpart T, (Halogenated Solvent Cleaning Machine NESHAP), which is incorporated by reference as 326 IAC 20-6-1. A copy of the rule is attached.~~

(a) Pursuant to 40 CFR 63.463(a) and (b), the Permittee shall conform to the following design requirements:

- (1) Vapor Degreaser #351.001 shall be designed or operated such that, it has an idling and downtime mode cover, as described in 40 CFR 63.463(d)(1)(i), that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.
- (2) Vapor Degreaser #351.001 shall be employed with a control combination of: working-mode cover, freeboard refrigeration device and dwell or other equivalent methods of control as determined using the procedure in 40 CFR 63.469.
- (3) Vapor Degreaser #351.001 shall have a freeboard ratio of 0.75 or greater.
- (4) Vapor Degreaser #351.001 shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minutes (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.
- (5) Vapor Degreaser #351.001 shall be equipped with a device that shuts off sump heat if the sump liquid solvent level drops to the sump heater coils.
- (6) Vapor Degreaser #351.001 shall have a primary condenser.
- (7) Vapor Degreaser #351.001 shall be equipped with a vapor level control device that shuts off sump heat if the vapor level rises above the height of the primary condenser.

(b) Pursuant to 40 CFR 63.463 (d), the following work and operational practice requirements for the degreasing operation are applicable:

- (1) Control air disturbances across Vapor Degreaser #351.001 opening(s) by placing cover(s) to the solvent cleaning machine during the idling mode and the downtime mode unless either the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place.
- (2) The parts baskets or the parts being cleaned in Vapor Degreaser #351.001 shall not occupy more than 50 percent of the solvent/air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less.
- (3) Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air.

- ~~(4) Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from any solvent cleaning machine unless an equally effective approach has been approved by the commissioner.~~
 - ~~(5) Parts baskets or parts shall not be removed until dripping has stopped.~~
 - ~~(6) During startup, the primary condenser shall be turned on before the sump heater.~~
 - ~~(7) During shutdown, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.~~
 - ~~(8) When solvent is added or drained, the solvent shall be transferred using threaded or other leak proof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.~~
 - ~~(9) Each solvent cleaning machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the commissioner's satisfaction to achieve the same or better results as those recommended by the manufacturer.~~
 - ~~(10) Each operator shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in appendix B of 40 CFR 63, if requested during an inspection by the commissioner.~~
 - ~~(11) Waste solvents, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but would not allow liquid solvent to drain from the container.~~
 - ~~(12) Sponges, fabric, wood, and paper products shall not be cleaned.~~
- ~~(c) Pursuant to 40 CFR 63.463 (c), the Permittee shall comply with the following requirements:~~
- ~~(1) The Permittee shall conduct monitoring of each control device used to comply with 40 CFR 63.463 as provided in 40 CFR 63.466, Monitoring Procedures.~~
 - ~~(2) Determine during each monitoring period if the control devices listed in D.3.3(a)(2) meet the following requirements:~~
 - ~~(A) When using a freeboard refrigeration device the Permittee shall:~~
 - ~~(i) The chilled air blanket temperature (in °F), measured at the center of the air blanket, is no greater than 30 percent of the solvent's boiling point.~~
 - ~~(B) When using a working-mode cover the Permittee shall:~~
 - ~~(i) Ensure that the cover opens only for part entrance and removal and completely covers Vapor Degreaser #351.001 openings when closed.~~
 - ~~(ii) Ensure that the working-mode cover is maintained free of cracks, holes, and other defects.~~
 - ~~(C) When using an idling-mode the Permittee shall:~~
 - ~~(i) Ensure that the cover is in place whenever parts are not in the solvent cleaning machine and completely covers the cleaning machine.~~
 - ~~(ii) Ensure that the idling-mode cover is maintained free of cracks, holes and other defects.~~

~~(D) When using a dwell the Permittee shall:~~

- ~~(i) Determine the appropriate dwell time for each type of part or parts basket, or determine the maximum dwell time using the most complex part type or parts basket, as described in 40 CFR 63.465(d)~~
- ~~(ii) Ensure that, after cleaning, each part is held in the solvent cleaning machine freeboard area above the vapor zone for the dwell time determined for that particular part or parts basket, or the maximum dwell time determined using the most complex part type or parts basket.~~

~~(3) An exceedance has occurred if:~~

- ~~(A) The requirements of paragraphs, (c)(2)(B)(i), (c)(2)(C)(i) and (c)(2)(D) of this condition are not met; and~~
- ~~(B) The requirements of paragraphs (c)(2)(A)(i), (c)(2)(B)(ii) and (c)(2)(C)(ii), of this condition have not been met and are not corrected within 15 days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameters must be remeasured immediately upon adjustment or repair and demonstrated to be within the required limits.~~

~~(4) The owner or operator shall report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in 40 CFR 63.468.~~

~~D.3.4 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]~~

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Vapor Degreaser #351.001 and any control devices.~~

Compliance Determination Requirements

~~D.3.5 Testing Requirements [326 IAC 2-7-6(1)] [40 CFR 63.465]~~

~~The Permittee is not required to test this facility by this permit or by 40 CFR Part 63; 40 CFR 63.465 Test Methods. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance.~~

Compliance Monitoring Requirements

~~D.3.6 Monitoring Procedures [326 IAC 2-7-6(1)] [40 CFR 63.466]~~

~~Pursuant to 40 CFR 63.466 the Permittee shall comply with the following monitoring procedures:~~

- ~~(a) The Permittee shall conduct monitoring and record the results on a weekly basis for the control devices, as appropriate, specified below:~~
 - ~~(1) The Permittee shall use a thermometer or thermocouple to measure the temperature at the center of the superheated solvent vapor zone while the solvent cleaning machine is in the idling zone.~~
- ~~(b) The Permittee shall conduct monitoring and record the results on a monthly basis for the control devices, as appropriate, specified below:~~

- ~~(1) The Permittee shall conduct a visual inspection to determine if the cover is opening and closing properly, completely covers Vapor Degreaser #351.001 openings when closed, and is free of cracks, holes, and other defects.~~
- ~~(c) The Permittee shall monitor the hoist speed as described below:~~
 - ~~(1) The Permittee shall determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes.~~
 - ~~(2) The monitoring shall be conducted monthly. If after the first year, no exceedances of the hoist speed are measured, the Permittee may begin monitoring the hoist speed quarterly.~~
 - ~~(3) If the exceedance of the hoist speed occurs during quarterly monitoring, the monitoring frequency returns to the monthly until another year of compliance without an exceedance is demonstrated.~~
 - ~~(4) If the Permittee can demonstrate to the commissioner's satisfaction in the initial compliance report that the hoist cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year of compliance.~~

Recordkeeping and Reporting Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-19]

D.3.7 Recordkeeping Requirements

- ~~(a) The Permittee shall maintain, in written or electronic form, records of the following information specified below, for the life time of the machine,--~~
 - ~~(1) Owner's manuals, or if not available, written maintenance and operating procedures, for the solvent cleaning machine and control equipment.~~
 - ~~(2) The date of installation of the solvent cleaning machine and all of its control devices. If the exact date of the installation is not known, a letter certifying that Vapor Degreaser #351.001 and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.~~
 - ~~(3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine.~~
- ~~(b) The Permittee shall maintain, in written or electronic form, records of the following information specified below for a period of 5 years:~~
 - ~~(1) The results of control device monitoring required under 40 CFR63.466.~~
 - ~~(2) Information on the actions taken to comply with 40 CFR63.463(e) and (f). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.~~
 - ~~(3) Estimates of annual solvent consumption for each solvent cleaning machine.~~

D.3.8 Reporting Requirements [40 CFR 63.468]

The reports required in this condition used to document compliance with Conditions D.3.2 and D.3.3 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, and to the following address:

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (a) ~~The initial notification report for Vapor Degreaser #351.001 required under 40 CFR 63.468(a) was submitted on August 15, 1995.~~
- (b) ~~The initial statement of compliance for Vapor Degreaser #351.001 required under 40 CFR 63.468(c) was submitted on August 3, 1998.~~
- (c) ~~The Permittee shall submit an annual report by February 1 of each year following the one for which the reporting is being made. This report shall include the requirements as follows:~~
 - (1) ~~A signed statement from the facility owner or his designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 40 CFR 63.463(d)(10)."~~
 - (2) ~~An estimate of solvent consumption for each solvent cleaning machine during the reporting period.~~
- (d) ~~The Permittee shall submit an exceedance report using the Semiannual Compliance Monitoring Report Form provided with this permit to IDEM, OAM semiannually, except when IDEM, OAM determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or if an exceedance occurs. Once an exceedance has occurred the Permittee shall follow a quarterly reporting format until a request to reduce reporting frequency under paragraph 40 CFR 63.468 (i) of this section is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information as given below:~~
 - (1) ~~Information on the actions taken to comply with 40 CFR 63.463(e) and (f). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.~~
 - (2) ~~If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.~~
 - (3) ~~If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.~~
- (e) ~~Pursuant to 40 CFR 63.463 (i), the Permittee who is required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannually if the following conditions are met:~~
 - (1) ~~The source has demonstrated a full year of compliance without an exceedance.~~
 - (2) ~~The Permittee continues to comply with all relevant recordkeeping and monitoring requirements specified in Subpart A (General Provisions) and in 40 CFR 63, Subpart T~~

~~(3) The commissioner does not object to a reduced frequency of reporting for the affected source as provided in paragraphs (e)(3)(iii) of Subpart A (General Provisions) of 40 CFR 63.~~

~~(f) The Permittee of a solvent cleaning machine requesting an equivalency determination, as described in 40 CFR 63.469 shall submit an equivalency request report to the commissioner and receive an approval prior to startup.~~

3. Section D.4 shall be renumbered to Section D.3.

SECTION D.43 FACILITY OPERATION CONDITIONS INSIGNIFICANT ACTIVITIES

Facility Description [326 IAC 2-7-5(15)]

Three (3) identical natural gas-fired boilers, identified as EU02, EU03 and EU04, respectively, each rated at 3.92 mmBtu per hour. EU02 and EU03 were constructed in November 1993 and EU04 was constructed in August 1994.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.43.1 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4, particulate matter emissions from the three (3) identical boilers rated at 3.92 mmBtu/hr each, shall not exceed 0.5743 lb/mmBtu as determined by the following equation:

$$Pt = \frac{1.09}{Q^{0.26}}$$

Where: Pt = Pounds of particulate matter emitted per million Btu (lb/mmBtu) heat input.
Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

Compliance Determination Requirement

D.43.2 Testing Requirements [326 IAC 2-7-6(1)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required, compliance with the PM limit specified in Condition D.43.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

4. The VOC quarterly report shall be amended to remove all references to vapor degreaser CE06.

Part 70 Quarterly Report

Source Name: Hitachi Cable Indiana, Inc.
Source Address: 5300 Grant Line Road, New Albany, Indiana 47150
Mailing Address: 5300 Grant Line Road, New Albany, Indiana 47150
Part 70 Permit No.: 043-6888-00023
Facility: Glue Applicator Extruder #73.001, Glue Applicator Extruder #73.002, Vapor Degreaser #351.001 and Glue Applicator High Pressure #73.003
Parameter: VOC
Limit: VOC output = less than 100 tons per year, rolled monthly*

..... *Based on the following equation:

VOC_{emissions} = input VOC to Glue Applicator Extruder #73.001, Glue Applicator Extruder #73.002 and Glue Applicator High Pressure #73.003 * (1-0.855)% + input VOC to Vapor Degreaser #351.001 < 100 tpy

5. The quarterly compliance monitoring reports shall be removed because these reports were only required for vapor degreaser CE06.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR MANAGEMENT COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT QUARTERLY COMPLIANCE MONITORING REPORT

Source Name: ~~Hitachi Cable Indiana, Inc.~~
Source Address: ~~5300 Grant Line Road, New Albany, Indiana 47150~~
Mailing Address: ~~5300 Grant Line Road, New Albany, Indiana 47150~~
Part 70 Permit No.: ~~043-6888-00023~~

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD:		
9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD:		
Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

6. The semi-annual compliance monitoring reports shall be removed because these reports were only required for vapor degreaser CE06.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
SEMI-ANNUAL COMPLIANCE MONITORING REPORT**

Source Name: _____ Hitachi Cable Indiana, Inc.
Source Address: _____ 5300 Grant Line Road, New Albany, Indiana 47150
Mailing Address: _____ 5300 Grant Line Road, New Albany, Indiana 47150
Part 70 Permit No.: _____ 043-6888-00023

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted semi-annually. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

~~9~~ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD:

~~9~~ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD:

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
 Title/Position: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

- Section D.3 shall be removed from the Table of Contents, Section D.4 of the Table of Contents shall be renumbered to Section D.3, and the quarterly and semi-annual reports of the Table of Contents have been deleted.

~~D.3 FACILITY CONDITIONS - One (1) vapor degreaser, identified as Vapor Degreaser #351.001~~

Emission Limitations and Standards [326 IAC 2-7-5(1)]

~~D.3.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [40 CFR Part 63, Subpart A]~~

~~D.3.2 Open Top Vapor Degreaser Operations and Control [326 IAC 8-3-3] [326 IAC 8-3-6]~~

~~D.3.3 Halogenated Solvent Cleaning Machine NESHAP [40 CFR Part 63, Subpart T]~~

~~D.3.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~Compliance Determination Requirements~~

~~D.3.5 Testing Requirements [326 IAC 2-7-6(1)]~~

~~Compliance Monitoring Requirements~~

~~D.3.6 Monitoring Requirements~~

~~Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~

~~D.3.7 Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~

~~D.3.8 Reporting Requirements~~

D.43 FACILITY OPERATION CONDITIONS - INSIGNIFICANT ACTIVITIES

Three (3) identical natural gas fired boilers

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D. 43.1 Particulate Matter (PM)

Compliance Determination Requirement

~~D.43.2 Testing Requirements [326 IAC 2-7-6(1)]~~

Certification Form

Emergency/Deviation Form

Natural Gas Fired Boiler Certification

Quarterly Report Form

~~Quarterly Compliance Monitoring Form~~

~~Semi-Annual Compliance Monitoring Form~~

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Scott Fulton, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, press 0 and ask for Scott Fulton or extension 3-5691, or dial (317) 233-5691.

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

SDF

cc: File - Floyd County

U.S. EPA, Region V

Floyd County Health Department

Air Compliance Section Inspector - Ray Schick

Compliance Data Section - Karen Nowak

Administrative and Development - Janet Mobley

Technical Support and Modeling - Michele Boner

**PART 70 OPERATING PERMIT
and ENHANCED NEW SOURCE REVIEW
OFFICE OF AIR QUALITY**

**Hitachi Cable Indiana, Inc.
5300 Grant Line Road
New Albany, Indiana 47150**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T043-6888-00023	Date Issued: April 22, 1999
First Significant Permit Modification No.: T043-11815-00023	Date Issued: April 18, 2000
First Administrative Amendment No.: 043-15575-00023	Pages Affected: 4, 5, 35 through 42, 47, 48, and 49
Issued by: Original Signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: February 28, 2002

D.3 FACILITY OPERATION CONDITIONS - INSIGNIFICANT ACTIVITIES

Three (3) identical natural gas fired boilers

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate Matter (PM)

Compliance Determination Requirement

D.3.2 Testing Requirements [326 IAC 2-7-6(1)]

Certification Form

Emergency/Deviation Form

Natural Gas Fired Boiler Certification

Quarterly Report Form

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary operation for the extrusion, coating, forming, curing and assembly of fluid power hoses and fittings.

Responsible Official: Pat Houghlin
Source Address: 5300 Grant Line Road, New Albany, Indiana, 47150
Mailing Address: 5300 Grant Line Road, New Albany, Indiana, 47150
SIC Code: 3492, 3069
County Location: Floyd
County Status: Nonattainment for ozone
Source Status: Part 70 Permit Program
Minor Source, under Emission Offset Rules;
Major Source under Section 112

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (1) Two (2) rubber cable coating booths, each with one (1) glue applicator, identified as Glue Applicator Extruder #73.001 and Glue Applicator Extruder #73.002 respectively, each with the maximum capacity to coat either 5316 feet of vacuum hose per hour or 3150 feet of TKS return hose per hour by flowcoating method, with one (1) flameless thermal oxidizer, identified as CE01 to control VOC emissions from both booths, exhausting to one (1) stack, identified as S/V01. (Constructed in 1996)
- (2) One (1) natural gas-fired boiler, identified as Johnston Boiler #591.026, rated at 16.74 mmBtu per hour, exhausting to one (1) stack identified as S/V05. (Constructed in 1996)
- (3) One (1) high pressure pilot line glue applicator, identified as Glue Applicator High Pressure #73.003, constructed in 1997, with the maximum capacity to coat 3125 feet of rubber hose per hour, with one (1) flameless thermal oxidizer, identified as CE01 to control VOC emissions, exhausting to one (1) stack identified as S/V01.

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SECTION D.3

FACILITY OPERATION CONDITIONS INSIGNIFICANT ACTIVITIES

Facility Description [326 IAC 2-7-5(15)]

Three (3) identical natural gas-fired boilers, identified as EU02, EU03 and EU04, respectively, each rated at 3.92 mmBtu per hour. EU02 and EU03 were constructed in November 1993 and EU04 was constructed in August 1994.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4, particulate matter emissions from the three (3) identical boilers rated at 3.92 mmBtu/hr each, shall not exceed 0.5743 lb/mmBtu as determined by the following equation:

$$Pt = \frac{1.09}{Q^{0.26}}$$

Where: Pt = Pounds of particulate matter emitted per million Btu (lb/mmBtu) heat input.
Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

Compliance Determination Requirement

D.3.2 Testing Requirements [326 IAC 2-7-6(1)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required, compliance with the PM limit specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Hitachi Cable Indiana, Inc.
Source Address: 5300 Grant Line Road, New Albany, Indiana 47150
Mailing Address: 5300 Grant Line Road, New Albany, Indiana 47150
Part 70 Permit No.: 043-6888-00023
Facility: Glue Applicator Extruder #73.001, Glue Applicator Extruder #73.002, and Glue Applicator High Pressure #73.003
Parameter: VOC
Limit: VOC output = less than 100 tons per year, rolled monthly*

YEAR: _____

Month	VOC input			VOC output		
	This Month	Previous 11 Months	12 Month Total	This Month	Previous 11 Months	12 Month Total
Month 1						
Month 2						
Month 3						

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

*Based on the following equation:

VOC_{emissions} = input VOC to Glue Applicator Extruder #73.001, Glue Applicator Extruder #73.002 and Glue Applicator High Pressure #73.003 * (1-0.855)% < 100 tpy

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